

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,164,676 B1  
APPLICATION NO. : 09/813576  
DATED : January 16, 2007  
INVENTOR(S) : Chakraborty

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 8, lines 46-67 through Column 9, lines 1-22, text beginning "bulk update)," through text ending "if the transaction" should be inserted in Column 9, line 65 between "a" and "request"

Signed and Sealed this

Eighteenth Day of September, 2007

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a cursive "Dudas".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*